

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Application of:

Applicant(s) Hong Yong Zhang

Serial No.: 10/689,324

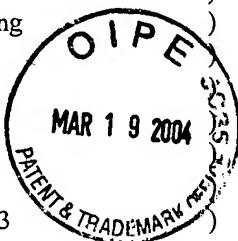
Conf. No.: 4132

Filed: October 20, 2003

For: LIQUID CRYSTAL...

Art Unit: 2871

Examiner: Not yet assigned



I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

March 17, 2004

Date

Registration No. 37,538

F-CLASS.WCM

Appr. February 20, 1998

Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Date: March 17, 2004

Respectfully submitted,

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GREER, BURNS & CRAIN, LTD.

By:
James K. Folker
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Sheet 1 of 1

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office				Attorney Docket No.: 0941.68533	Serial No.: 10/689,324	
				Applicant: HongYong Zhang		
				Filing Date: October 20, 2003		Group: 2871

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,870,399	Sep. 26, 1989	Carlson			Aug. 24, 1987
		4,890,101	Dec. 26, 1989	Carlson			Dec. 12, 1988

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		61-156187	July 15, 1986	Japan			Abstract	
		62-40493	Feb. 21, 1987	Japan			Abstract	
		64-089773	Apr. 4, 1989	Japan			Abstract	
		5-210361	Aug. 20, 1993	Japan			Abstract	
		08-292417	Nov. 5, 1996	Japan			Abstract	
		10-010572	Jan. 16, 1998	Japan			Abstract	
		10-143115	May 29, 1998	Japan			Abstract	
		10-161612	June 19, 1998	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.